

SEQUENCE LISTING

<110> SHIRAI, Tomoyuki ASAMOTO, Makoto HOKAIWADO, Naomi

<120> Carcinogen-hypersensitive rat

<130> 671302-3004

<140> 10/784, 633

<141> 2004-02-23

<150> JP P2001-253241

<151> 2001-08-23

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<170> PatentIn Ver. 2.1

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<212> DNA

<213> Rattus norvegicus

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acc	ııg	CIC	agı	ggc	gıg	aaı	cgg	cat	ιςι	aça	gcc	att	ggc	cga	gıa	100
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Trp	Leu	Ser	Val	Ile	Phe	Ile	Phe	Arg	Ile	Met	Val	Leu	Val	Val	Ala	
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		Ser														
40				•	45	•		•		50			•		55	
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		Pro														
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tcc	cat	gtg	cgc	ctg	tgg	tcc	ctg	caa	ctc	atc	ttg	gtt	tcc	acc	cca	292
		Val														
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		Leu														
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aaa	atg	cta	cgg	ctt	gag	ggg	cac	ggg	gac	ссс	ctt	cac	ctg	gaa	gag	388
		Leu														
•	105					110		•	_		115					
gta	aag	agg	cac	aag	gtg	cac	atc	tca	ggg	aca	ctg	tgg	tgg	acc	tat	436
		Arg														
120	•			•	125					130			•		135	
gtc	atc	agt	gtø	gtø	ttc	Cãã	ctg	ctg	ttt.	gag	gct.	gtc	ttc	atg	tat	484
		Ser														
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500		Lut	~ v5	000	Luc	~~ Б	55°	Lut	500	urg	5.2	~65	ULE	500	uug	002

Val	Phe •	Tyr	Ľeu 155	Leu	Tyr	Pro	Gly.	Tyr 160	Ala	Met	Val	Arg	Leu 165	Val	Lys	
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<212> PRT

<213> Rattus norvegicus

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95

His Gln Gln Ais Ile Glu Lys Lys Met Leu Arg Leu Glu Gly His Gly Asp Pro Leu His Leu Glu Glu Val Lys Arg His Lys Val His Ile Ser Gly Thr Leu Trp Trp Thr Tyr Val Ile Ser Val Val Phe Arg Leu Leu Phe Glu Ala Val Phe Met Tyr Val Phe Tyr Leu Leu Tyr Pro Gly Tyr Ala Met Val Arg Leu Val Lys Cys Glu Ala Phe Pro Cys Pro Asn Thr Val Asp Cys Phe Val Ser Arg Pro Thr Glu Lys Thr Val Phe Thr Val Phe Met Leu Ala Ala Ser Gly Ile Cys Ile Ile Leu Asn Val Ala Glu Val Val Tyr Leu Ile Ile Arg Ala Cys Ala Arg Arg Ala Gln Arg Arg Ser Asn Pro Pro Ser Arg Lys Gly Ser Gly Phe Gly His Arg Leu Ser Pro Glu Tyr Lys Gln Asn Glu Ile Asn Lys Leu Leu Ser Glu Gln Asp Gly Ser Leu Lys Asp Ile Leu Arg Arg Ser Pro Gly Thr Gly Ala Gly Leu Ala Glu Lys Ser Asp Arg Cys Ser Ala Cys

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 $\langle 223 \rangle$ Artificial insertion sequence obtained from digestion of a plasmid moiety

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